

a¹
cont.

determining means for determining, when the image forming apparatus has been restored to a normal state, whether any of the plurality of print jobs remain to be printed based on the print job processing status information stored in the non-volatile memory; and
resend request issuing means for requesting a terminal device that sent data of a respective print job to resend the data for each of the plurality of prints jobs that it is determined remains to be printed.

a²

9. (Amended) An image forming system in which an image forming apparatus and a terminal device are connected via a network and the image forming apparatus executes printing based on data send from the terminal device, comprising:

said image forming apparatus including,

a non-volatile memory which stores print job processing status information of a plurality of print jobs,

determining means for determining, when the image forming apparatus has been restored to a normal state, whether or not any of the plurality of print jobs remain to be printed based on the print job processing status information stored in the non-volatile memory, and

transmitting means for sending resend request information to request the terminal device that sent print data of a respective print job to resend the print data for each of the plurality of print jobs that is determined remains to be printed; and

said terminal device including,

receiving means for receiving the resend request information sent from the image forming apparatus, and

a² cont

data resend means for resending said data in response to the receipt of said resend request information.

13. (Amended) A print resume method for an image forming apparatus to perform printing based on data sent from an external terminal device connected to it via a network, comprising the steps of:

a³

storing print job processing status information for a plurality of print jobs in a non-volatile memory;

determining, when the image forming apparatus has been restored to a normal state, whether or not any of the plurality of print jobs remain to be printed based on the processing status information stored in the non-volatile memory;

requesting the terminal device that sent a respective print job data to resend the data for each of the plurality of prints jobs that it is determined remains to be printed; and

resuming printing based on the resent data sent from the terminal device.

a⁴

15. (Amended) A print data transmission method for an image forming system in which an image forming apparatus and a terminal device are connected via a network, and printing is performed by said image forming apparatus based on print data sent from said terminal device, comprising the steps of:

said image forming apparatus performing steps including,

storing print job processing status information of a plurality of print jobs in a non-volatile memory,



determining, when the image forming apparatus has been restored to a normal state, whether or not any of the plurality of print jobs remain to be printed based on the print job processing status information stored in the non-volatile memory, and

At
out

sending resend request information requesting that the terminal device that sent print job data of a respective print job to resend the print job data for each of the plurality of print jobs that is determined remains to be printed; and

said terminal device performing steps including,

receiving the print data resend request information sent from the image forming apparatus, and

resending said data in response to the receipt of said resend request information.

Please add new claim 16 as follows.

16. (New) An image forming apparatus that performs printing based on data sent from an external terminal device via a network, comprising:

a non-volatile memory which stores printing processing information of a plurality of print jobs, the printing processing information for each print job including job identification, image data address, and job status indicating whether or not a print job has been printed;

a volatile memory which stores image data corresponding to each print job at the image data address specified by said non-volatile memory, said volatile memory subject to loss of all data when power is not supplied thereto;

determining means for determining when supply of power to the volatile memory has been interrupted, and when power has been restored to said volatile memory,

A⁵